Special Issue

Regional Scale Interferometric Applications

Message from the Guest Editors

Advanced synthetic aperture interferometry (A-DInSAR) is considered a consolidated tool for ground motion detection and monitoring. A-DInSAR products begin to be not only a post-event tool or a support and validation for local scale or single-phenomenon motoring activities. In fact, the evolution of interferometric applications follows the increasing demand for ground deformation mapping over large territories (municipalities, regions, nations), showing where and how something is moving. This is not only a requirement for setting up long-term hydrogeological risk plans but also for proper funding allocation. We welcome papers regarding:

- Wide area interferometric applications;
- New processing strategies for the management of large stacks of interferometric products over wide areas;
- New tools and methodologies for extracting reliable information from a large stack of interferometric data;
- New tools and methodologies for data interpretation at regional scale;
- Technical notes about the correct use and dissemination of interferometric products at regional scale.

Guest Editors

Dr. Lorenzo Solari

Dr. Andrea Ciampalini

Dr. Silvia Bianchini

Deadline for manuscript submissions

closed (31 May 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

mdpi.com/si/28333

Remote Sensing
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

mdpi.com/journal/remotesensing

About the Journal

Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

MDPI